

Guidance Document – Missouri

Landuse: Cropland – Conservation Compliance

Problems . . .	Resource Setting . . .
✓ soil loss of 12 tons per acre per year	✓ east central Missouri – MLRA 113
✓ small ephemeral gullies	✓ deep, moderately well drained soils formed in loess and till on sloping uplands
✓ conservation compliance (Farm Bill)	✓ HEL field

Concerns:
*Sheet and Rill
Erosion*
*Ephemeral
Gullies*
*Conservation
Compliance*

Alternative #1-ACS: *This alternative will substantially reduce soil erosion rates to “2T” or achieve a 75% reduction of the potential erodibility (PE) of the field, which ever is higher.*

328 - Conservation Crop Rotation	+	0	F
329 - Residue Management – Mulch Till	++	0	F

Symbol Effect:: - Detrimental; 0 Negligible/Slight; + Beneficial; ++ Significant effect; F Facilitating